

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 3, 6, 7, 8, 9, 11, 14, 15, 16, 20 and 21, and CANCEL claims 18-19 without prejudice or disclaimer in accordance with the following:

1. (currently amended) A goods-purchase information processing method, using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user,

wherein said calculating comprises

reading the goods information for the goods purchased by said user using a reader on said settlement device, and

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement in response to a prompt from a settlement key in said register terminal in accordance with authorization of said user,

wherein said sending of the goods purchase information comprises

sending said goods purchase information to said mobile terminal from said register terminal in response to a-said prompt from a-said settlement key of said goods settlement information in said register terminal.

2. (cancelled)

3. (currently amended) A goods purchase information processing method using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user,

wherein said calculating comprises

reading the goods information for the goods purchased by said user using a reader on said settlement device, and

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement,

wherein said sending of the goods purchase information comprises

requesting said goods purchase information from said reader to said register terminal,

receiving said goods purchase information from said register terminal to said reader, and

sending said received goods purchase information to said mobile terminal from said reader,

wherein said requesting comprises:

sending a send enable signal to said mobile terminal from said reader when said reader reads a barcode of said goods;

transmitting a receive request to said reader from said register terminal in response to said send enable signal; and

requesting said goods purchase information from said reader to said register in response to said receive request.

4-5 (cancelled)

6. (currently amended) A goods purchase information processing method using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein

said calculating comprises

reading the goods information for the goods purchased by said user using a

reader on said settlement device,

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement after authorization of said settlement by said user,

wherein said sending of the goods purchase information comprises

sending said goods settlement information to said mobile terminal in response to a prompt from a receipt issue key of said goods settlement information in said settlement device after said authorization of said user.

7. (currently amended) A goods purchase information processing method using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein

said calculating comprises

reading the goods information for the goods purchased by said user using a reader on said settlement device,

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement after authorization of said settlement by said user, and

wherein said sending of the goods purchase information comprises

sending said goods settlement information to said mobile terminal in response to a prompt from a receive ~~instruction~~-key of said mobile terminal after said authorization of said user.

8. (currently amended) A goods purchase information processing method using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein

said settlement comprises
sending a settlement request to said mobile terminal from said settlement device, and
receiving payment information from said mobile terminal and processing said settlement
in response to said settlement request,

wherein said processing comprises:

authorizing a sent user from said payment information; and

processing said settlement according to said authorized result.

9. (currently amended) A goods purchase information processing system in a store,
comprising:

a settlement unit calculating goods settlement information from goods information of
goods purchased by a user and processing a settlement; and

a communication unit sending goods purchase information, including said goods
settlement information, to a mobile terminal of said user, and storing the goods purchase
information in said mobile terminal to communicate with a processing device of said user,
wherein said calculating comprises:

reading the goods information for the goods purchased by said user using a
reader on said settlement device, and

calculating the goods settlement information from said read goods information on
a register terminal of said settlement device and processing the settlement in response to a
prompt from a settlement key in said register terminal in accordance with authorization of said
user,

wherein said sending of the goods purchase information comprises

sending said goods purchase information to said mobile terminal from said
register terminal in response to ~~a~~the prompt from ~~a~~the settlement key of said goods settlement
information in said register terminal.

10. (cancelled)

11. (currently amended) A goods purchase information processing system using a
store settlement device, comprising:

a settlement unit calculating goods settlement information from goods information of
goods purchased by a user and processing a settlement ; and

a communication unit sending goods purchase information, including said goods

settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein said calculating comprises

- reading the goods information for the goods purchased by said user using a reader on in said settlement device, and
- calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement, and

wherein said sending of the goods purchase information comprises

- requesting said goods purchase information from said reader to said register terminal,
- receiving said goods purchase information from said register terminal to said reader, and
- sending said received goods purchase information to said mobile terminal from said reader,

wherein said requesting comprises:

- sending a send enable signal to said mobile terminal from said reader when said reader reads a barcode of said goods;
- transmitting a receive request to said reader from said register terminal in response to said send enable signal; and
- requesting said goods purchase information from said reader to said register in response to said receive request.

12. (cancelled)

13. (cancelled)

14. (currently amended) A goods purchase information processing system using a store settlement device, comprising:

- a settlement unit calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and
- a communication unit sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein

said calculating comprises

reading the goods information for the goods purchased by said user using a reader on said settlement device, and

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement in response to a prompt from a settlement key in said register terminal in accordance with authorization of said user,

wherein said sending of the goods purchase information comprises

sending said goods settlement information to said mobile terminal in response to ~~a the prompt from a receipt issue~~ the settlement key of said goods settlement information in said settlement device.

15. (currently amended) A goods purchase information processing system using a store settlement device, comprising:

a settlement unit calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

a communication unit sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user, wherein

said calculating comprises

reading the goods information for the goods purchased by said user using a reader on said settlement device,

calculating the goods settlement information from said read goods information on a register terminal of said settlement device and processing the settlement, and

wherein said sending of the goods purchase information comprises

sending said goods settlement information to said mobile terminal in response to a prompt from a ~~receive instruction~~ key of said mobile terminal, and

wherein said processing the settlement comprises:

authorizing a sent user from said payment information; and

processing said settlement according to said authorized result.

16. (currently amended) A goods purchase information processing system using a store settlement device, comprising:

a settlement unit calculating goods settlement information from goods information of goods purchased by a user and processing a settlement; and

a communication unit sending goods purchase information, including said goods settlement information, to a mobile terminal of said user, and storing the goods purchase information in said mobile terminal to communicate with a processing device of said user,

wherein said settlement comprises

sending a settlement request to said mobile terminal from said settlement device, and

receiving payment information from said mobile terminal and processing said settlement in response to a prompt from a settlement key in said register terminal in accordance with authorization of said usersaid settlement request.

17. (cancelled)

18. (cancelled)

19. (cancelled)

20. (currently amended) The goods-purchase information processing method according to claim-49 8, wherein said processing comprises:

processing settlement according to a withdrawal account of said payment information.

21. (currently amended) A goods-purchase information processing method by using a store settlement device, comprising:

calculating goods settlement information from goods information of goods purchased by a user and processing a settlement;

sending a settlement request to a mobile terminal of said user from said settlement device; and

receiving payment information from said mobile terminal and processing said settlement in response to said settlement request,

wherein said processing comprises:

authorizing a sent user from said payment information; and

processing said settlement according to said authorized result.